

The background is a solid dark green. In the top-left corner, there are several dark green lines radiating outwards. In the bottom-left corner, there is a dark green curved shape. On the right side, there is a large, stylized white flower-like shape composed of many elongated, rounded petals radiating from a central point.





METaverse FOR SOCIAL GOOD: A UNIVERSITY CAMPUS PROTOTYPE

2025

RESEARCH-ARTICLE

- ACM MM'21
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Metaverse for Social Good: A University Campus Prototype


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[Authors Info & Claims](#)

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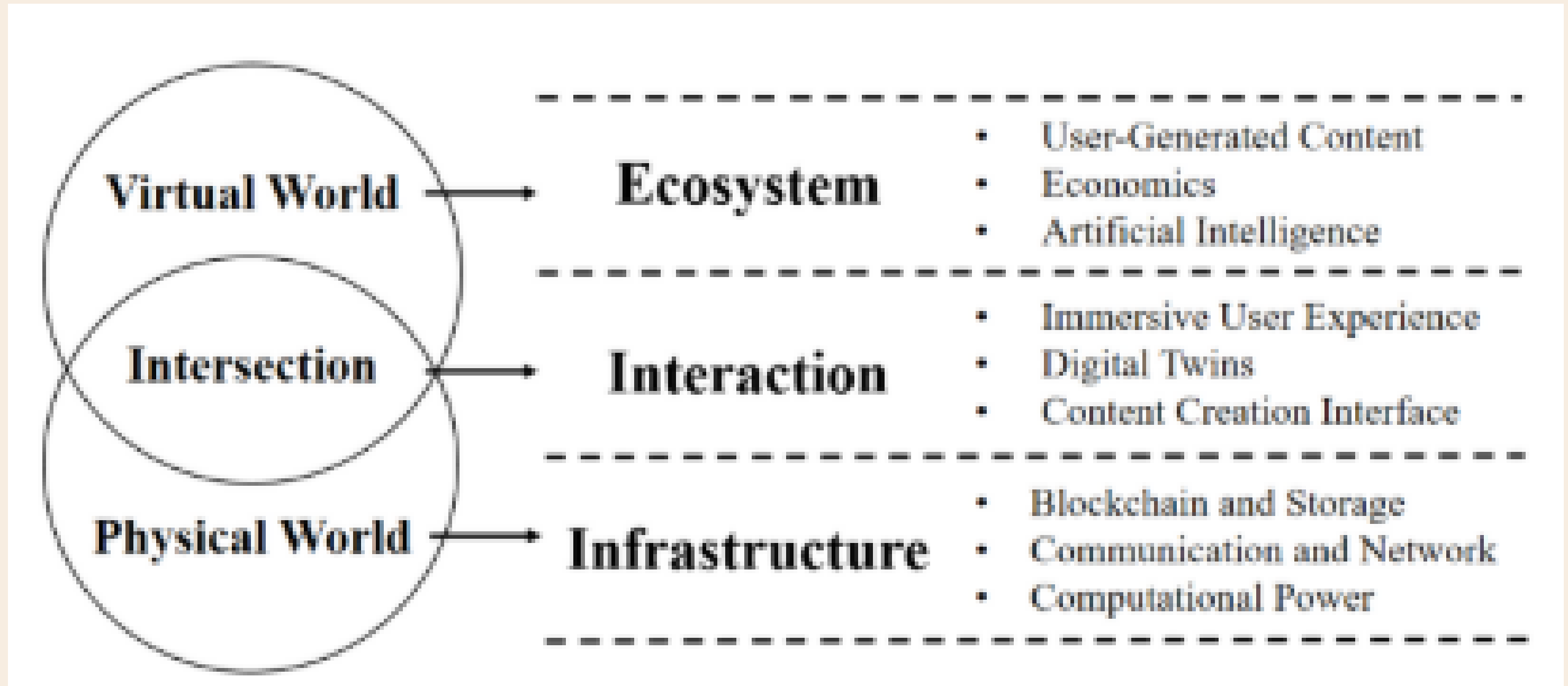
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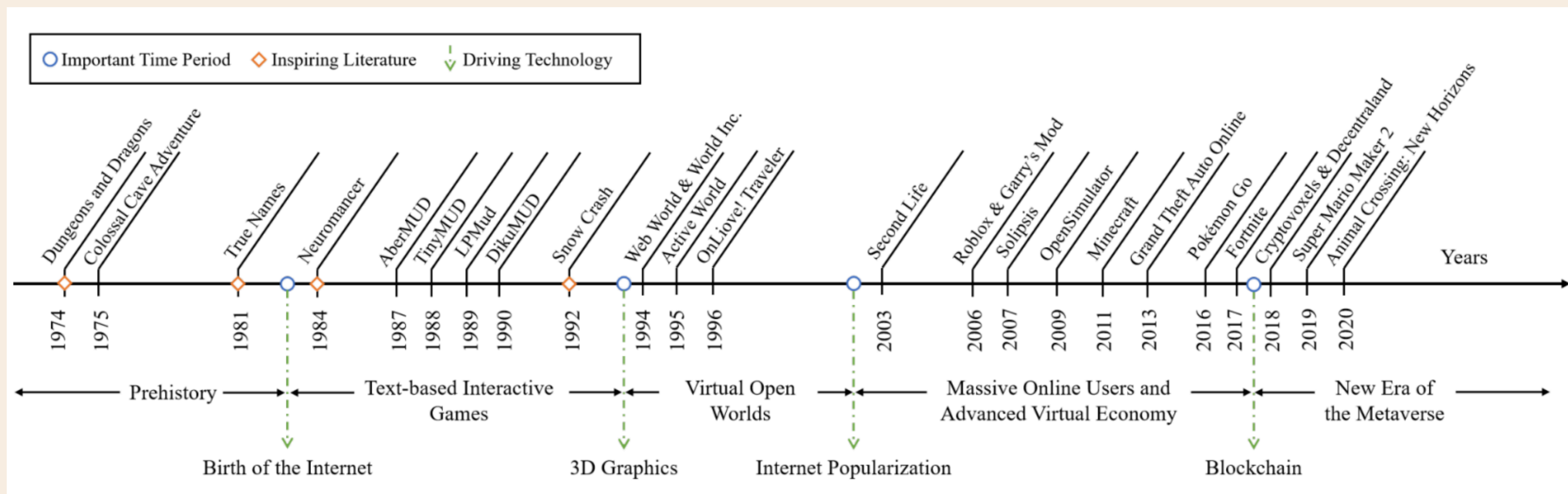
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TRABALHOS RELACIONADOS



Metaverse Examples		Infrastructure	Interaction			Ecosystem		
		Blockchain	VR/AR	Digital twins	Creator	UGC	Economics	AI
Text-based Games	MUDs & MUSHs	✗	✗	✗	✓	✓	✗	✗
Virtual Open Worlds	Active World	✗	✗	✗	✓	✓	✓	✓
	Solipsis	✗	✗	✗	✓	✓	✗	✗
MMO Video Games	Second Life	✗	✗	✗	✓	✓	✓	✓
	Roblox	✗	✓	✗	✓	✓	✓	✓
	Minecraft	✗	✓	✗	✓	✓	✓	✓
	Grand Theft Auto Online	✗	✗	✓	✓	✓	✓	✓
	Pokémon Go	✗	✓	✓	✗	✗	✓	✓
	Super Mario Maker 2	✗	✗	✗	✓	✓	✓	✓
	Fortnite	✗	✗	✗	✓	✓	✓	✓
	Animal Crossing: New Horizons	✗	✗	✗	✓	✓	✓	✓
Decentralized Virtual World	Cryptovoxels	✓	✗	✗	✓	✓	✓	✓
	Decentraland	✓	✗	✗	✓	✓	✓	✓

PROTOTYPE

The Chinese University of Hong Kong,
Shenzhen (CUHKSZ)

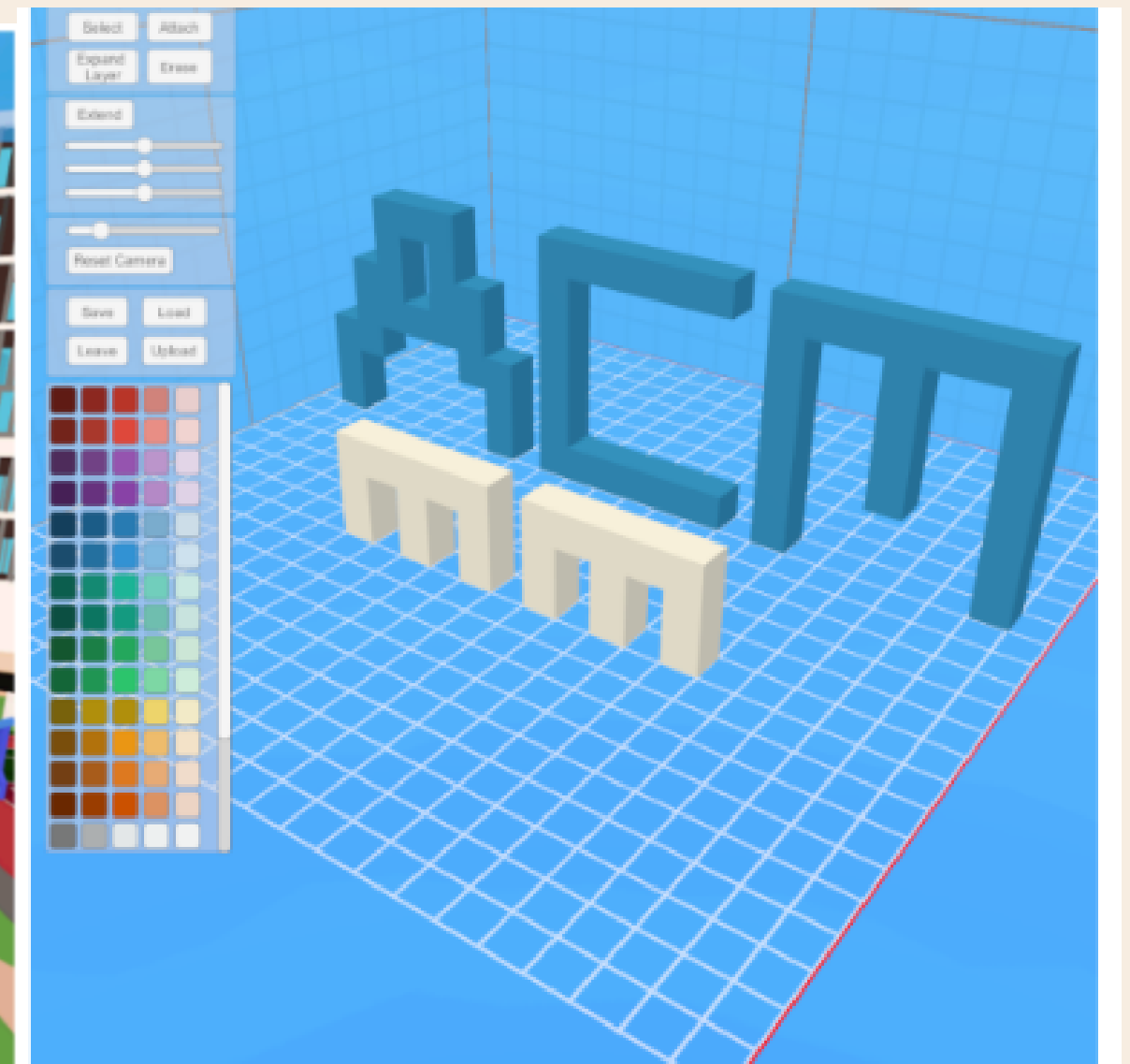


INFRASTRUCTURE

- **Unity**
- **Blockchain with smart contract**

INTERACTION

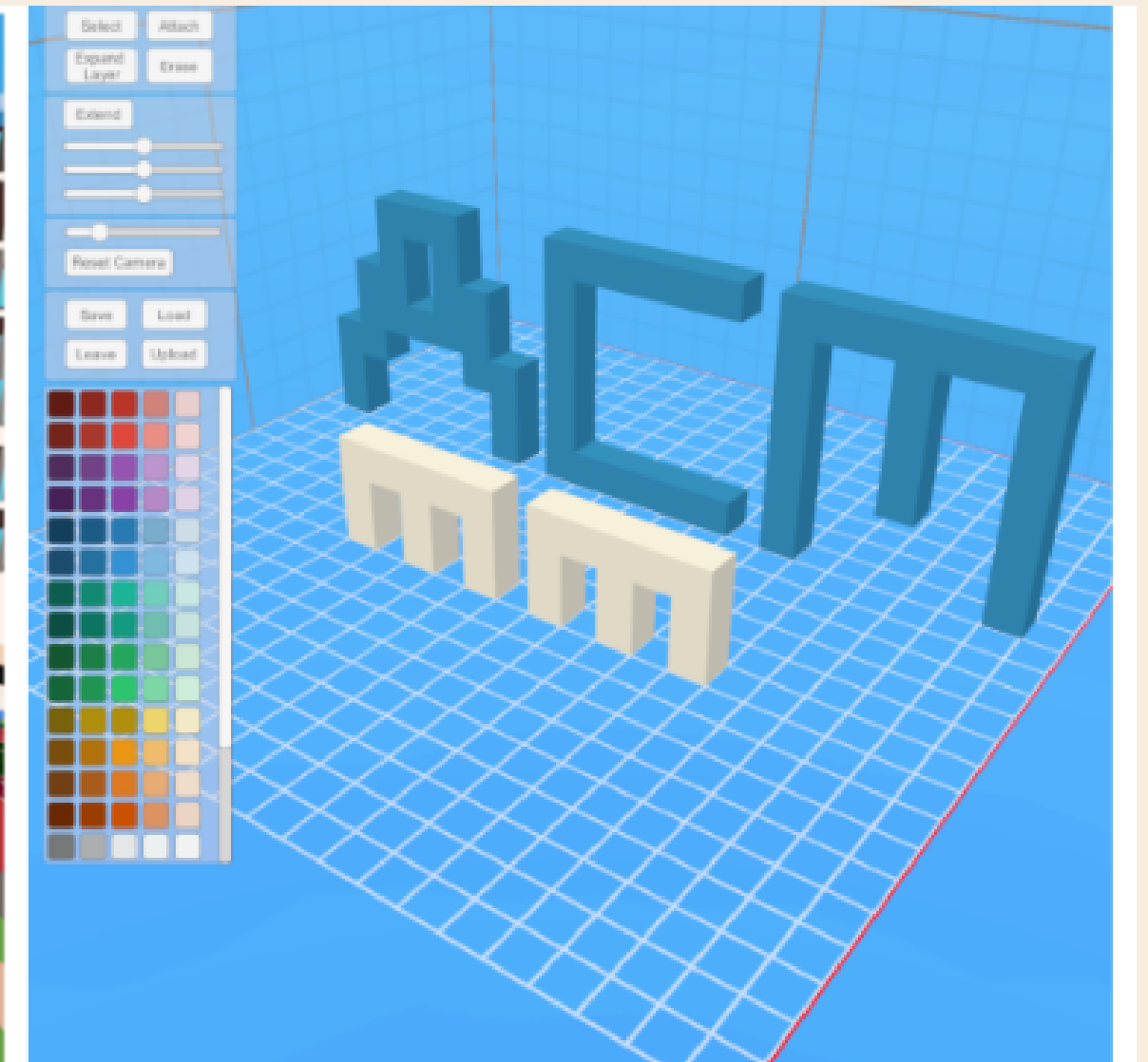
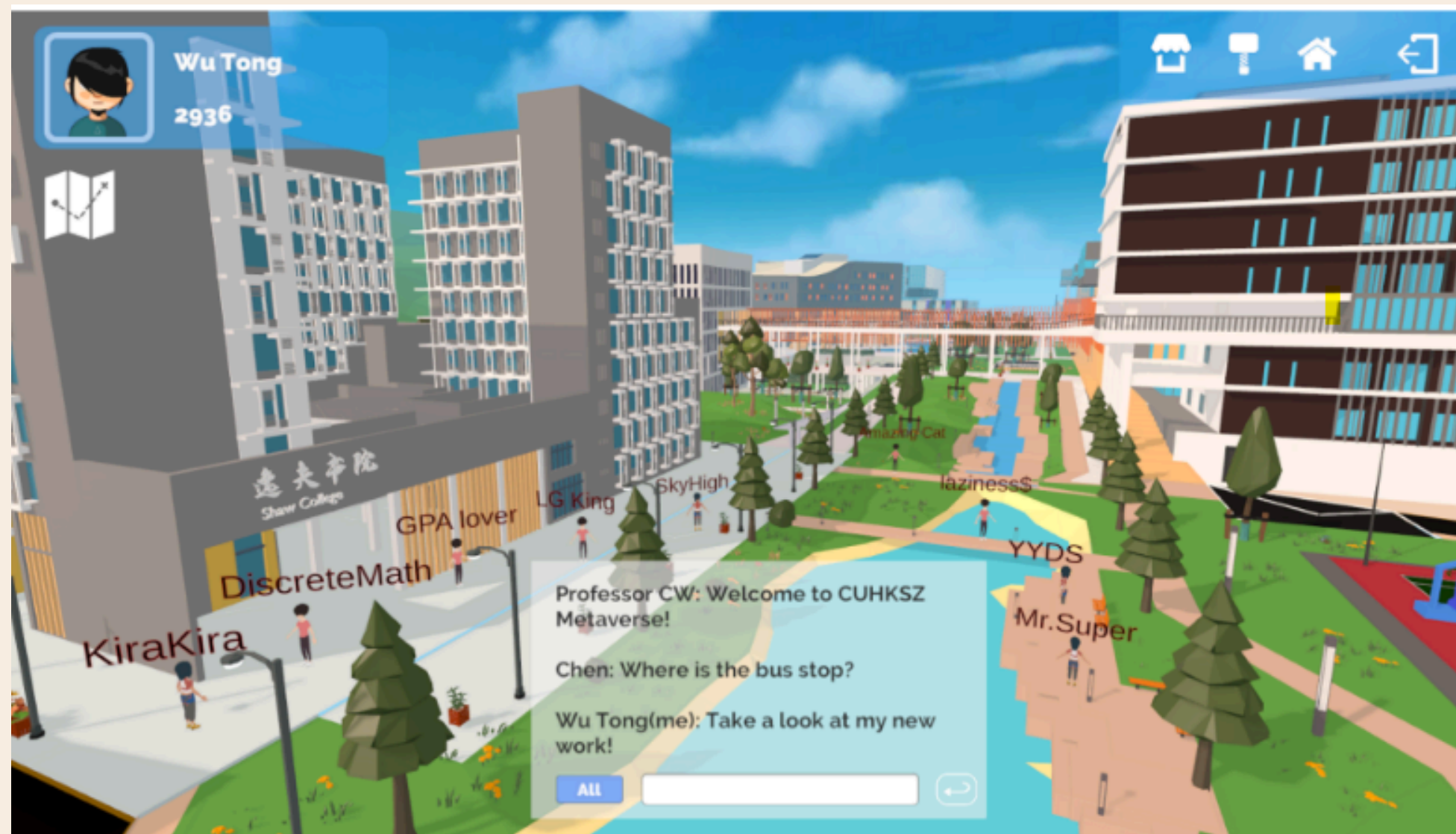
- ***Metaverse Viewer (Cross Platform)***
- ***Ubiquitous Sensing-based Service***
- ***Content Creation***



ECOSYSTEM

- Token-driven Ecosystem
- Autonomous Governance:
Delegated Proof of Stake (DPoS)

- *UGC Display and Trading*
- *AI-driven Metaverse
Recommend System*



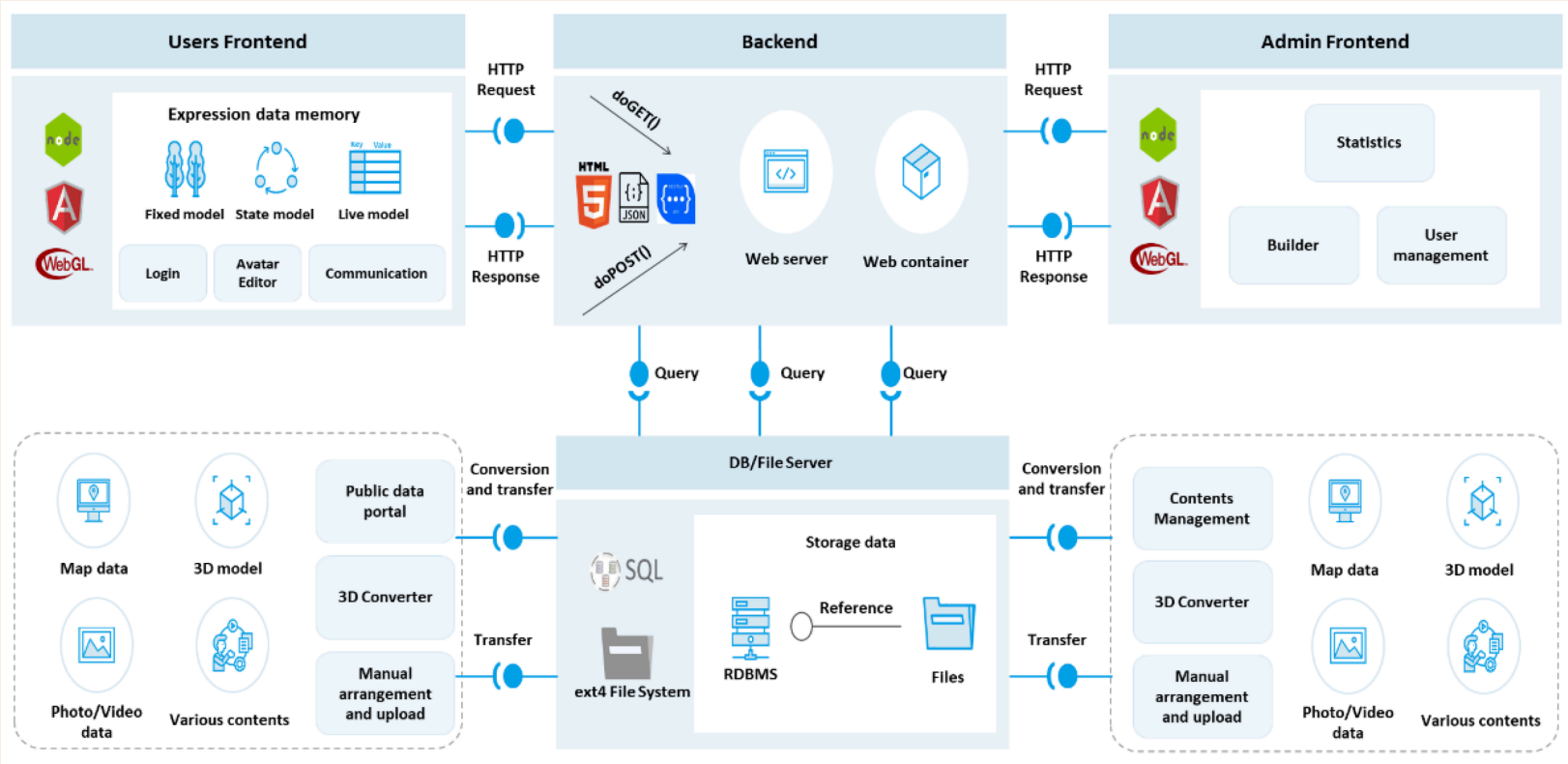
EXPERIMENTAÇÕES

- UX



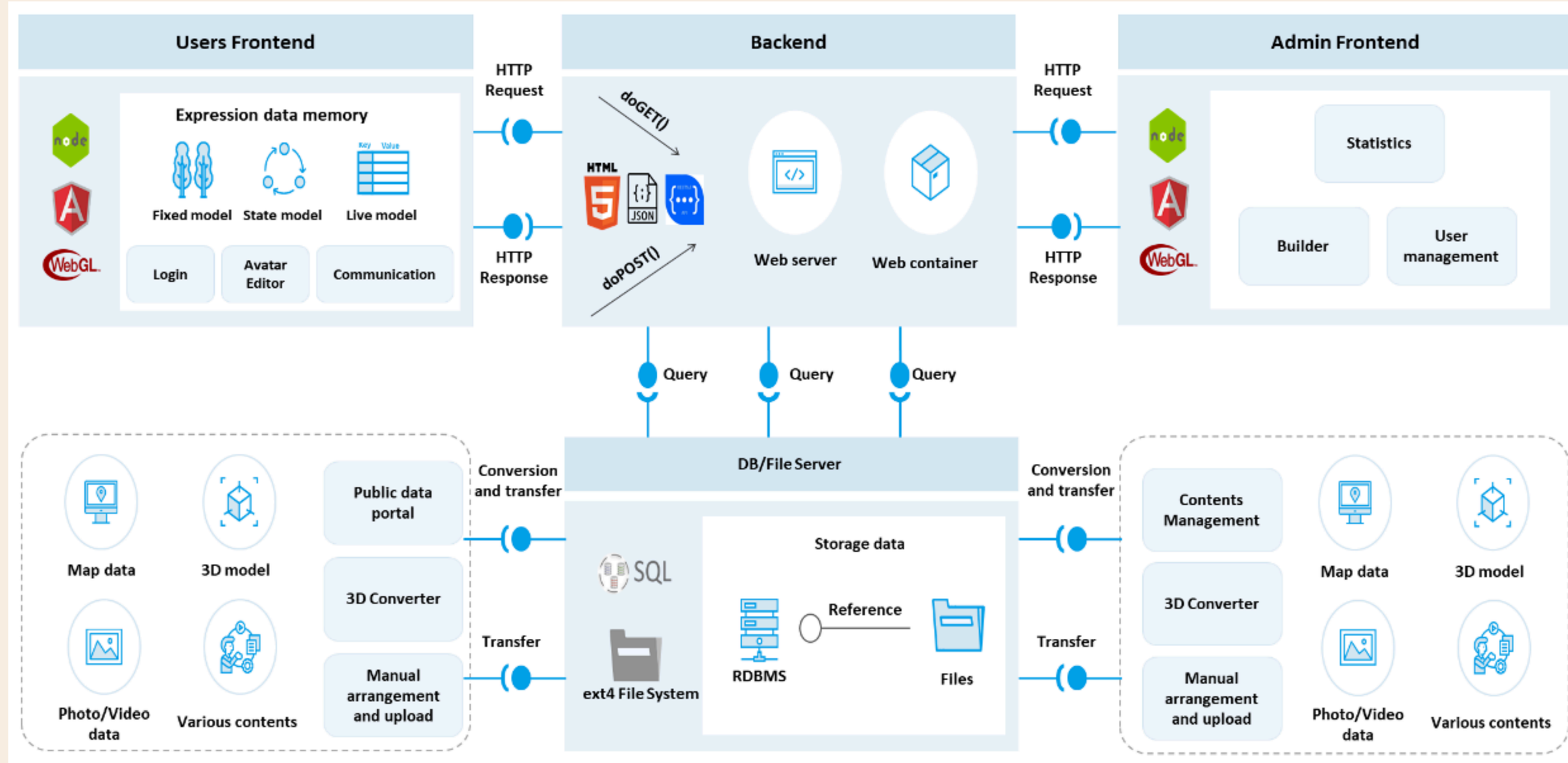
ARQUITETURA DO APP

- *Photon*
- *Conexão com Blockchain (REST API)*
- *Base de dados de objetos*



¿O QUE PODERIA
MELHORAR?

ARQUITETURA DO APP (DMZ METAVERSE)



**VAMOS
ESCLARECER
SUAS DÚVIDAS!**

2025